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**A Complete Computer-Based Editing System**

THEODOR H. NELSON, The Nelson Organization, Inc., New York

Video tape or motion pictures are copied on video tape with units controlled by a computer. The editor's simple directions cause the computer to carry out complex operations on the video tape. Descriptions of the shots of interest on the video tape are typed into the system and cued automatically to the beginnings and ends of shots, and to events within the shots. The descriptions are then displayed on the monitor through a textual display facility. After the editor selects the written descriptions of shots he wants to see and indicates their sequence, the computer automatically assembles these scenes by programed video-tape transfers. The editor can try out and file various alternatives, and perform delicate revisions until satisfied. A master video tape is then prepared automatically, or negative-cutting lists or optical-printer tapes can then guide the final film assembly.